

UHD 4K Monitor

TAA Compliant Multitasking Monitor

▶ **43BN70U**
43" class (42.5" diag.)

Designed for power users that work with various information and data sources simultaneously, the 43BN70U-B is ideal for gamers, office professionals, financial traders and designers.



Images on screen are simulated



Features

VESA DISPLAYHDR™ 600* TECHNOLOGY

The 43BN70U is able to display a broad color spectrum of NTSC 72% (CIE1931) to deliver a more dramatic visual experience that is clear and bright. In images and videos, dark areas are darker and bright areas are brighter.

DESIGNED FOR MULTITASKING

The large 42.5" 4K screen allows users to have multiple windows and applications open at the same time and provides segmentation of the screen into up to 4 distinct sections, giving the appearance and functionality of 4 independent screens. You can watch movies, play games or multi-task on the large screen without compromising the clarity and readability of each window.

4 HDMI INPUTS WITH PICTURE-BY-PICTURE AND PICTURE-IN-PICTURE FUNCTIONALITY

OnScreen Control (version 2.0) Software* allows the large screen to have various layouts. It also offers the optimal split-screen picture-by-picture and picture-in-picture functionalities for maximized viewing options.

READER MODE AND NON-GLARE SCREEN

Reader Mode provides optimal conditions for daily use. LG's Reader Mode technology reduces blue light, protecting users' eyes from fatigue. The non-glare panel adds to the experience by helping to make viewing easy and comfortable.

4K/60HZ SUPPORTED INTERFACE AND USB TYPE-C™ CONNECTIVITY

The 43BN70U-B supports 4K/60Hz connection through HDMI, DisplayPort and USB Type-C (DP Alt Mode) ports. With 4K/60Hz connectivity, users can enjoy seamless gaming graphic outputs that are powered by UHD 4K. The USB Type - C™ (DP Alt Mode) lets you connect to the monitor for mirroring and to USB-Type C mobile phones for Quick Charge. If you connect your laptop with USB Type-C (DP Alt Mode), you can also easily connect your mouse and keyboard to the monitor for usage.

Specifications

Resolution: 3840 x 2160 / 16:9 4K UHD

IPS Technology: 178°(R/L), 178°(U/D)

Brightness: 400 nits (Typical)

Rich Base Speakers: 10W x 2

Multi-Monitor Control

Built-in Power

USB-C: 60W Power Delivery

Tilt Adjustable: -5° to 10°

Smart Energy Saving

TAA Compliant

Color Calibrated

Warranty: 3-Year Parts/Labor/Backlight

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| PANEL | MODEL | 43BN70U |
|------------------|--------------------------------------|---|
| | Size (Inch) | 42.5" |
| | Resolution | 3840 x 2160 |
| | Panel Type | IPS |
| | Aspect Ratio | 16:9 |
| | Pixel Pitch | 0.2451mm x 0.2451mm |
| | Brightness (Typ.) | 400 nits |
| | Color Gamut (Typ.) | NTSC 72% (CIE1931) |
| | Color Depth (Number of Colors) | 1.07B |
| | Contrast Ratio (Typ.) | 1000:1 |
| | Response Time | 8ms (GtG at Faster) |
| | Viewing Angle (CR 10) | 178 (R/L), 178 (U/D) |
| | Surface Treatment | Anti-Glare 3H |
| SPECIAL FEATURES | HDR 10 | YES |
| | HDR Effect | YES |
| | Color Calibrated | YES |
| | Reader Mode | YES |
| | Color Weakness | YES |
| | Super Resolution + | YES |
| | Black Stabilizer | YES |
| | Dynamic Action Sync | YES |
| | PBP | YES (2PBP/4PBP) |
| | Smart Energy Saving | YES |
| | Dual Controller | YES |
| | OnScreen Control (LG Screen Manager) | YES |
| INPUT/OUTPUT | HDMI | YES - Version 1.4 (2ea) Version 2.0 (2ea) |
| | HDMI (Max. Resolution at Hz) | 3840 x 2160@30Hz (HDMI 1.4) / 3840 x 2160@60Hz (HDMI 2.0) |
| | DisplayPort | YES - Version 1.4 (1ea) |
| | DP (Max. Resolution at Hz) | 3440 x 1440 @60Hz |
| | USB-C | YES - Version 1.4 (1 ea) |
| | USB-C (Max. Resolution at Hz) | 3840 x 2160 at 60Hz |
| | USB-C (Power Delivery) | 60W |
| | USB Downstream Port | YES - Version 3.0 (2ea) |
| | Headphone out | YES |
| | Speaker | YES - 10W*2Ch |
| | Rich Bass | YES |
| ELECTRICAL | Type | Built-in Power |
| | AC Input | 100-240 Vac, 50/60Hz |
| MECHANICAL | Display Position Adjustments | Tilt |
| | One-Click Stand | YES |
| | Wall Mountable | 200 x 200 mm |
| | Dimension with Stand (W x H x D) | 32.5" x 22.5" x 9.1" / 825.6 x 570.7 x 230 mm |
| | Dimension without Stand (W x H x D) | 32.5" x 14.6" x 2.0" / 825.6 x 369.8 x 51.2 mm |
| | Dimension in Shipping (W x H x D) | 37.0" x 8.6" x 20.3" / 986 x 218 x 516 mm |
| | Weight with Stand | 16.8 lbs / 7.6 kg |
| | Weight without Stand | 13.0 lbs / 5.9 kg |
| ACCESSORY | Power Cord | Black / 6.6 ft (2.0m) |
| | Display Port | Black / 6.6 ft (2.0m) |
| | USB-C | Black / 6.6 ft (2.0m) |
| | Remote Controller | Black |
| | Calibration Report | YES |
| OTHER | Limited Warranty | 3 Year Parts and Labor |
| | UPC | 7 19192 632646 6 |

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